

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022016.D
 Acq On : 25 Apr 2025 18:12
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 25 22:57:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

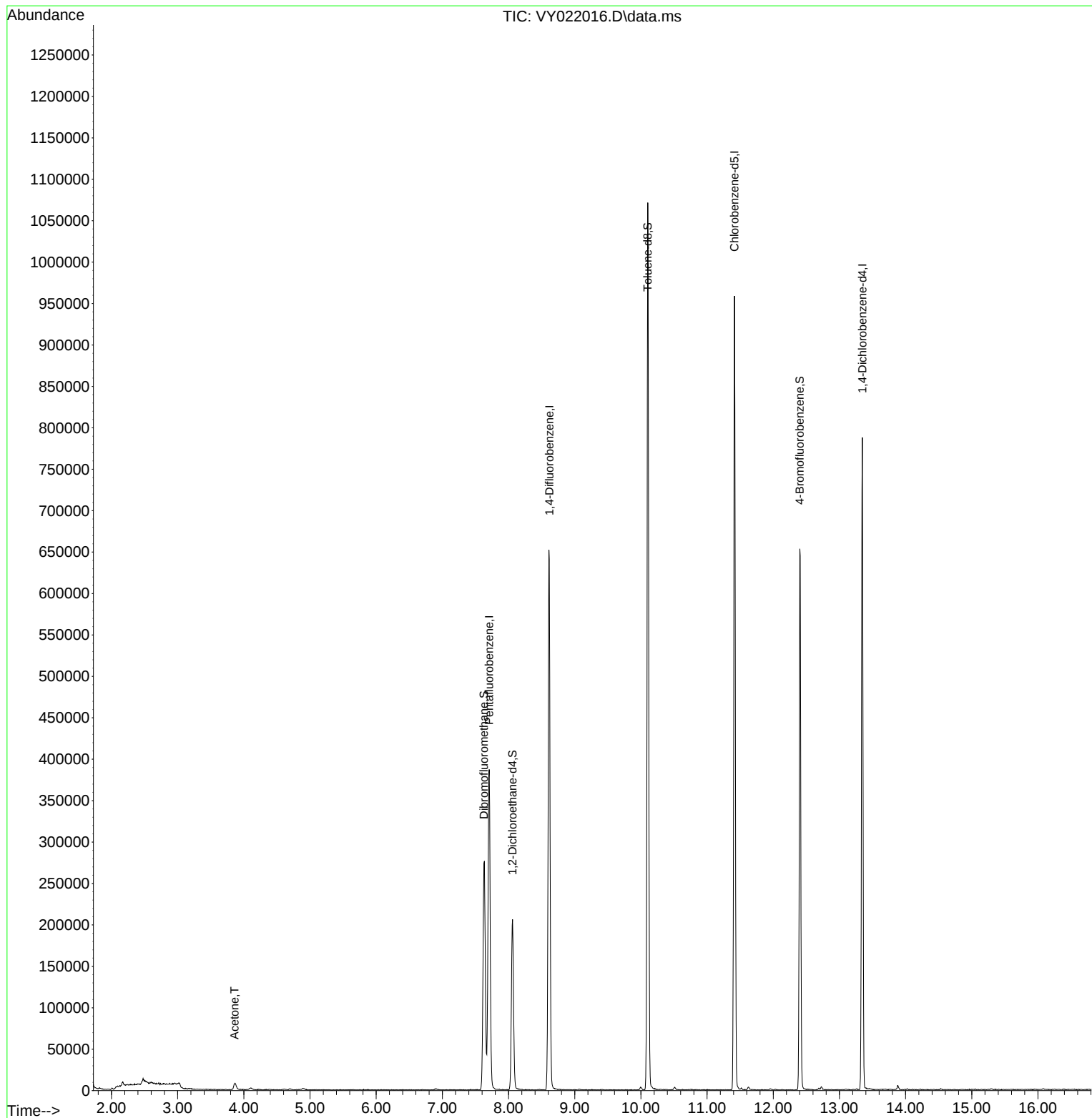
Internal Standards						
1) Pentafluorobenzene	7.707	168	300916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	585572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	526937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162214	58.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.720%	
35) Dibromofluoromethane	7.628	113	199703	51.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.103	98	708457	48.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	12.401	95	202888	41.323	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.640%	
Target Compounds						
16) Acetone	3.860	43	13327	16.698	ug/l	Qvalue 97

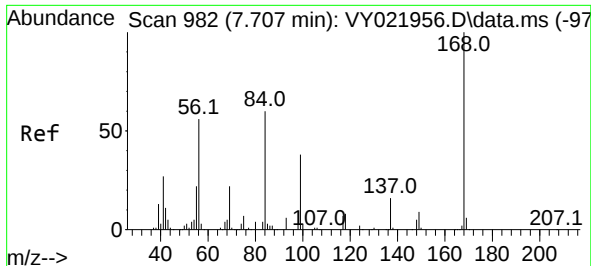
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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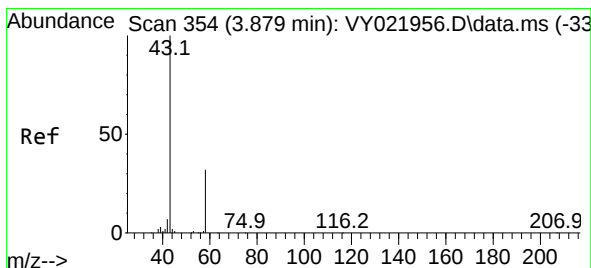
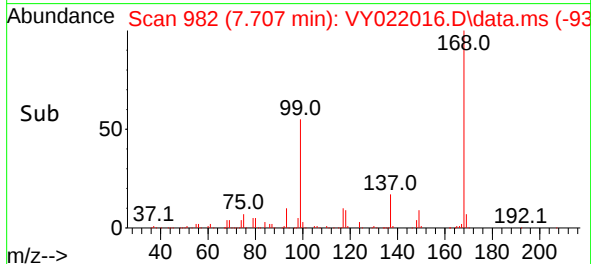
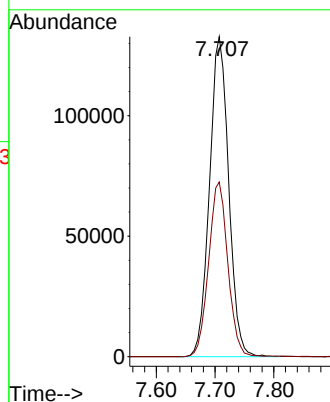
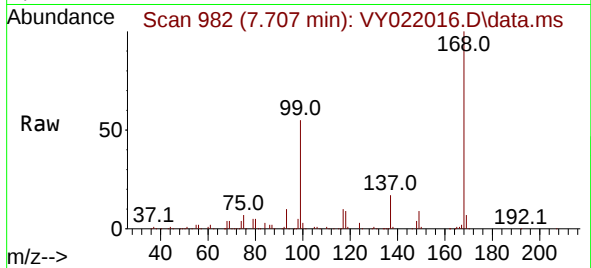




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

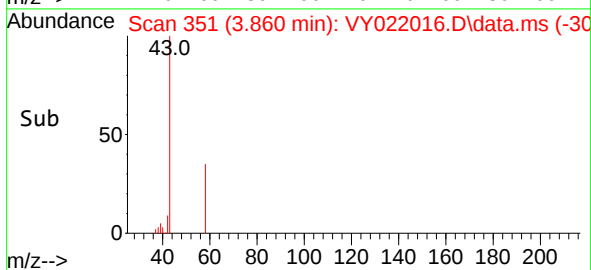
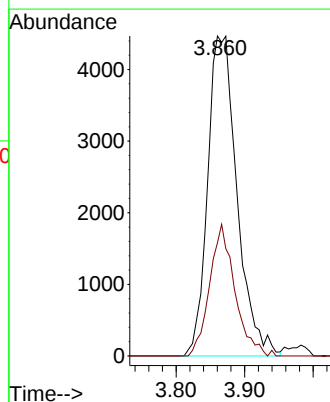
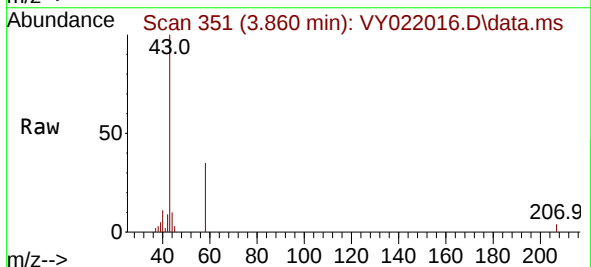
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

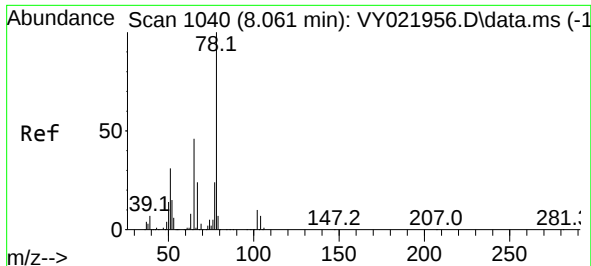
Tgt Ion:168 Resp: 300916
Ion Ratio Lower Upper
168 100
99 54.6 43.1 64.7



#16
Acetone
Concen: 16.698 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

Tgt Ion: 43 Resp: 13327
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 58.361 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022016.D

Acq: 25 Apr 2025 18:12

Instrument :

MSVOA_Y

ClientSampleId :

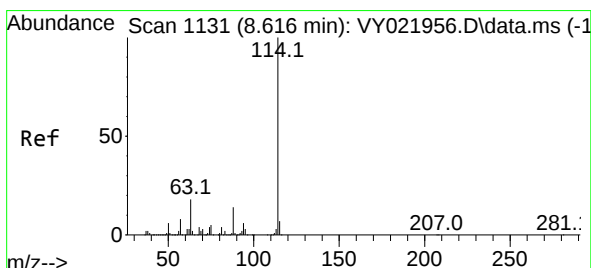
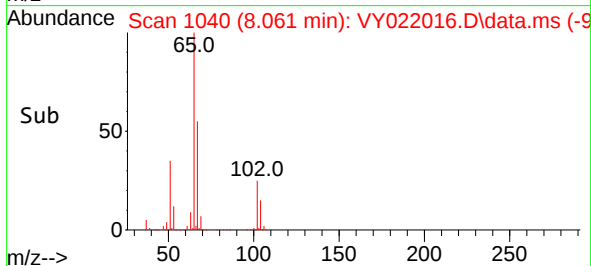
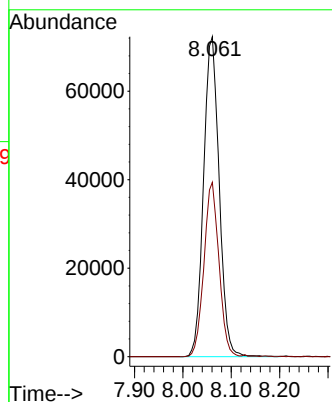
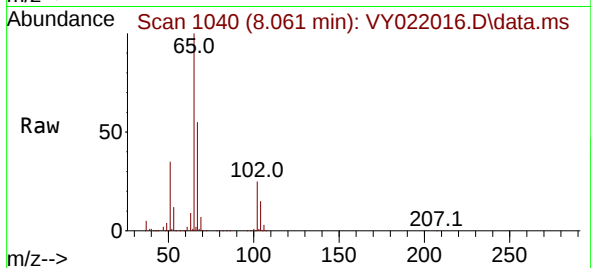
IBLK

Tgt Ion: 65 Resp: 162214

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022016.D

Acq: 25 Apr 2025 18:12

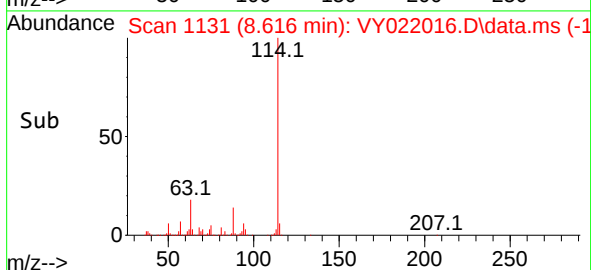
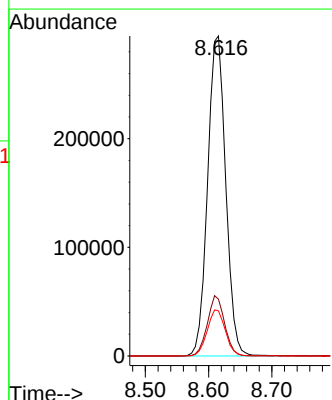
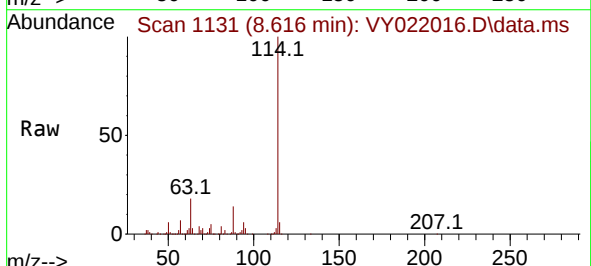
Tgt Ion: 114 Resp: 585572

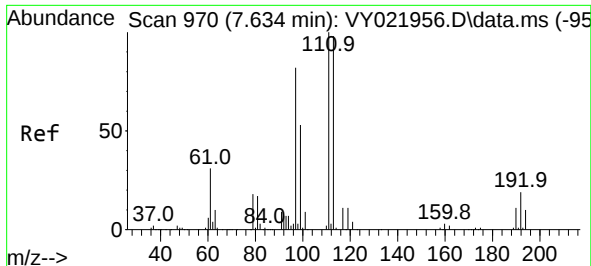
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

88 14.1 0.0 28.2

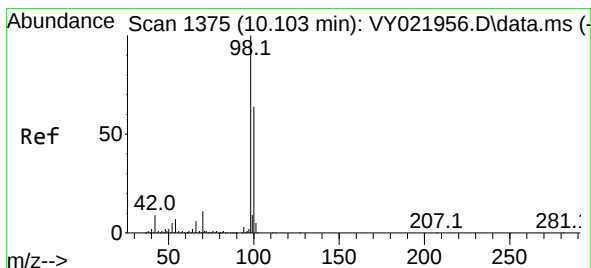
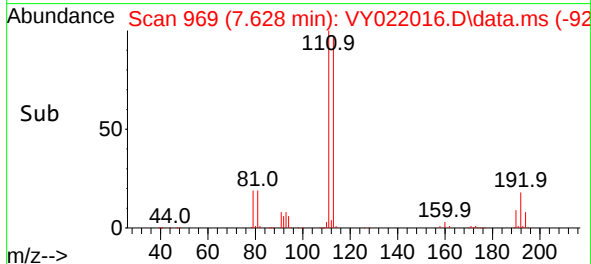
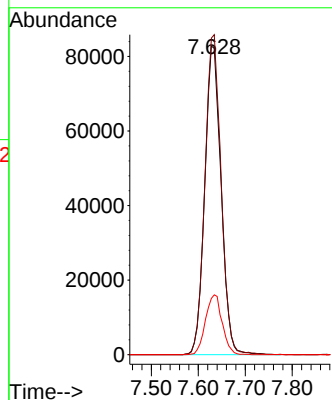
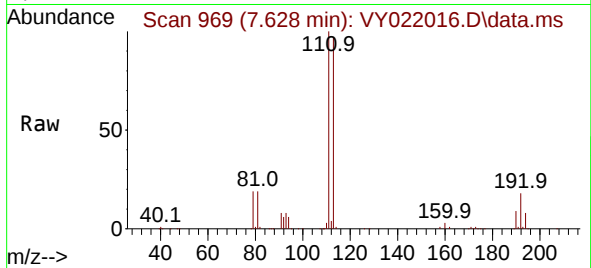




#35
Dibromofluoromethane
Concen: 51.621 ug/l
RT: 7.628 min Scan# 919
Delta R.T. -0.006 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

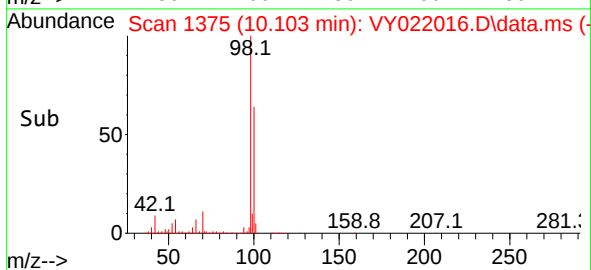
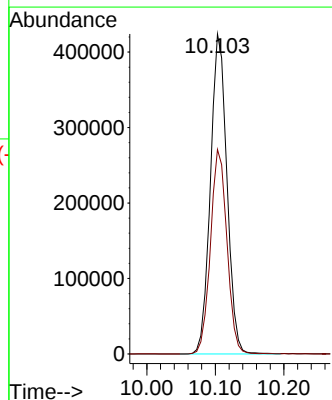
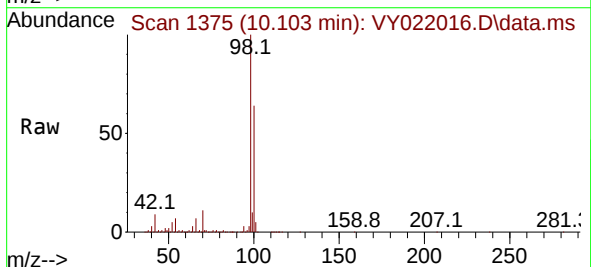
Instrument :
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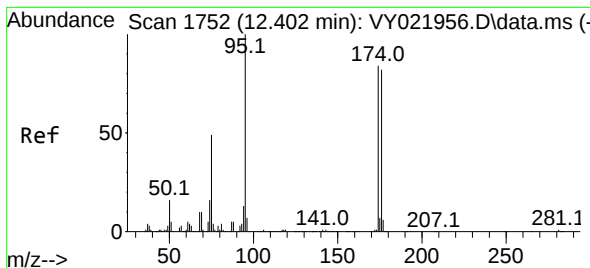
Tgt Ion:113 Resp: 199703
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 19.8 15.6 23.4



#50
Toluene-d8
Concen: 48.576 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

Tgt Ion: 98 Resp: 708457
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

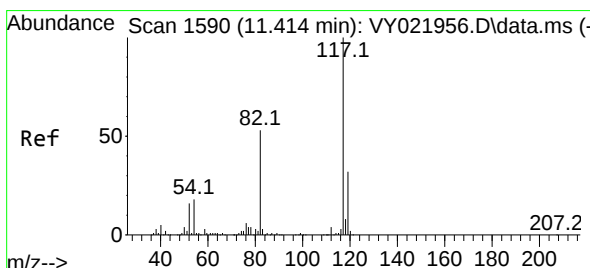
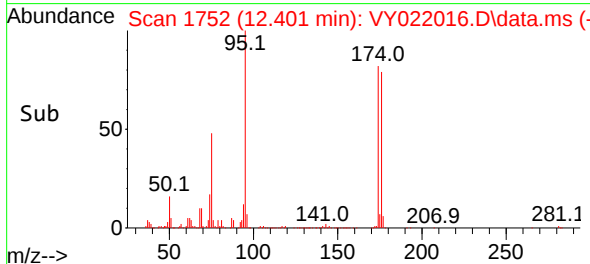
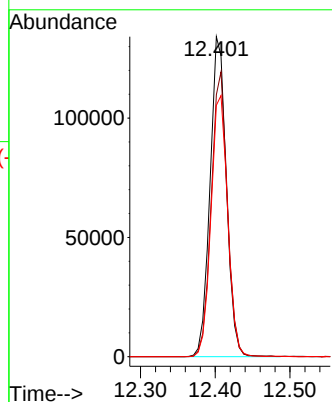
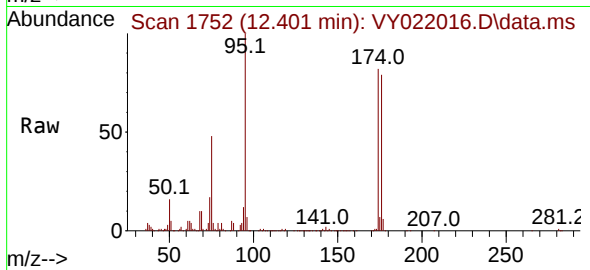




#62
4-Bromofluorobenzene
Concen: 41.323 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

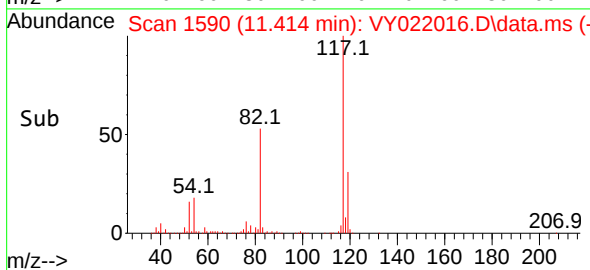
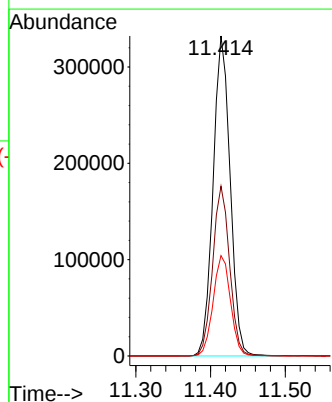
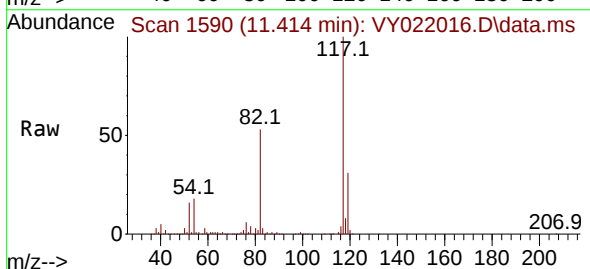
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

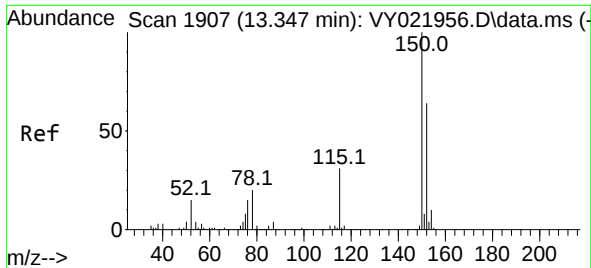
Tgt Ion: 95 Resp: 202888
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.0
176 83.6 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022016.D
Acq: 25 Apr 2025 18:12

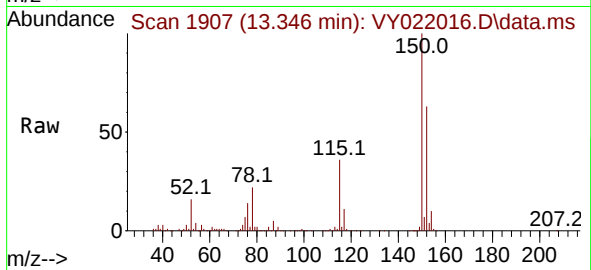
Tgt Ion: 117 Resp: 526937
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 31.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022016.D
 Acq: 25 Apr 2025 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK



Tgt Ion:	152	Resp:	203090
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.0	84.0
150	159.9	0.0	345.6

